

<p>2000-401095/35 A97 D25 E19 (A25) HENK 1998.11.25 HENKEL KGAA *DE 19854267-A1 1998.11.25 1998-1054267(+1998DE-1054267) (2000.05.31) C11D 1/83 Encapsulated active substance for manual cleaning of hard surfaces, useful as all-purpose detergent and washing up, consists of water-soluble or dispersible capsule containing anhydrous surfactant in liquid polymer C2000-121459 Addnl. Data: JONKE H, GIESEN B, POETHKOW D, DITZE A, ZAIKA D</p>	<p>A(5-H1B, 12-W5, 12-W12A, 12-W12B) D(11-A1B1, 11-A1B2, 11-A3A1, 11-A3A3, 11-A7, 11-B6, 11-D1B, 11-D7) E(10-E4H, 10-E4J, 10-E4L1, 10-E4L2, 10-E4L3, 10-E4L4, 10-E4M3, 10-E4M4) carbon (C) (ether) alcohol(s) with 1 or 2 primary, secondary or tertiary hydroxyl (OH) groups and optionally oxygen atom(s) (-O-) in the C skeleton.</p>
<p>NOVELTY - Encapsulated active substance for manual cleaning of hard surfaces comprises: (A) an anhydrous active substance containing surfactant(s) and liquid polymer vehicle(s) and (B) a water-soluble or -dispersible shell. (A) contains: (i) less than 25 wt.% liquid polymer, (ii) contains linear or branched, (a)cyclic (un)saturated 1-10 carbon (ether) alcohol(s) with 1 or 2 hydroxyl groups and/or (iii) is free from glycerol.</p> <p>DETAILED DESCRIPTION (ii) Contains linear or branched, (a)cyclic (un)saturated 1-10</p>	<p>USE The substance is used as manual cleaner for hard surfaces and in a method of cleaning hard surfaces with an aqueous liquid in which the substance is dissolved or dispersed, preferably in an amount of 1-5 capsules in 0.1-10 l water (all claimed).</p> <p>ADVANTAGE Conventional cleaners are usually formulated as fluid to viscous aqueous liquids but the relatively high water content is illogical in terms of economy and ecology. More concentrated liquid still contain a high fraction of water and tend to be over-dosed by the consumer. However, the consumer must handle dosing aids if solids are used, giving the risk of skin contact with irritants. The capsules, which</p> <p>DE 19854267-A+</p>

<p>contain highly concentrated anhydrous detergent, are easy and safe to use. The active substances have high cleaning power, whilst adding the liquid polymer increases the storage stability. Adding a suitable alcohol increases the cleaning power. (9pp0016DwgNo.0/0)</p>	<p>DE 19854267-A</p>
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